IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A method ~~(200, 300)~~ of downloading software to a software definable radio ~~(105)~~, the method ~~characterised by the steps of~~ comprising:

determining ~~(305)~~ ~~one or more~~ at least one configuration profile changes of said software definable radio ~~(105)~~;

downloading ~~(320, 340)~~ software automatically to an intermediate communication unit, in response to said determination; and

re-configuring said software definable radio ~~(105)~~, by said intermediate communication unit ~~(120)~~, wherein said configuration profile change is based on a change to ~~one or more~~ at least one of the following:

(i) A service required by said software definable radio ~~(105)~~,

(ii) A software definable radio user profile,

(iii) A location of said software definable radio ~~(105)~~,

(iv) Software Definable Radio terminal's capabilities, ~~and/or~~ and

(v) Available networks to the Software Definable Radio.

2. (currently amended) ~~A method (200, 300)~~ The method of downloading software to a software definable radio according to Claim 1, the method further ~~characterised by the steps of~~ comprising:

determining ~~(330)~~, by an intermediate communication unit ~~(120)~~, a number of communication links for downloading said software;

selecting at least one of said number of communication links;

downloading ~~(340)~~ software to an intermediate communication unit ~~(120)~~ in response to said step of selecting; and

re-configuring said software definable radio ~~(105)~~, by said intermediate communication unit ~~(120)~~, using said downloaded software.

3. (currently amended) The method ~~(200, 300) of downloading software to a software definable radio (105) according to Claim 1 or Claim 2, wherein the method is further characterised by the steps of~~ according to claim 1, further comprising:

accessing a remote communication network ~~(160)~~ in order to provide the selected downloadable software; and

synchronising said software definable radio ~~(105)~~ to said remote communication network ~~(160)~~ in order to select and download software.

4. (currently amended) The method ~~(200, 300) of downloading software to a software definable radio (105)~~ according to Claim 1 ~~or Claim 2, wherein the method is further characterised by the step of~~, further comprising:

providing at least one of a user of said software definable radio ~~(105)~~ ~~and/or~~ and the intermediate communication unit ~~(120)~~ with the ability to select one or more communication links to download said software.

5. (currently amended) The method ~~(200, 300) of downloading software to a software definable radio (105)~~ according to Claim 1 ~~or Claim 2~~, wherein said communication link operates in accordance with an IPv6 and/or IPv4 specification.

6. (currently amended) The method ~~(200, 300) of downloading software to a software definable radio (105)~~ according to Claim 1 ~~or Claim 2, wherein the method is further characterised by the preceding step of~~ further comprising:

mapping, in response to said determination ~~(305)~~ of one or more configuration profile change(s), said change(s) to a locally stored database to provide reconfiguration software to said software definable radio ~~(105)~~.

7. (canceled)

8. (canceled).

9. (currently amended) A communication unit ~~(120)~~ located between a software definable radio ~~(150)~~ and one or more remote information databases ~~(165)~~ that contains software to be downloaded to said software definable radio ~~(105)~~, the communication unit ~~characterised by~~ comprising:

~~one or more~~ at least one mapping database~~s (150)~~ storing configuration profile mapping information of said software definable radio relating to ~~one or more~~ at least one remote information database~~s (165)~~;

a transport module ~~(145)~~, operably coupled to said ~~one or more~~ at least one mapping database~~s (150)~~ to facilitate communication between said communication unit ~~(120)~~ and said ~~one or more~~ at least one remote information databases ~~(165)~~, and

a controller ~~(130)~~, operably coupled to said ~~one or more~~ at least one mapping databases ~~(150)~~ and said transport module ~~(145)~~, to automatically request and receive downloadable software to said communication unit ~~(120)~~ for forwarding to said software definable radio ~~(105)~~.

10. (currently amended) The communication unit ~~(120)~~ according to Claim 9, ~~the communication unit further characterised by~~ wherein said transport module ~~supporting~~ supports several network communication links for downloading at least one of software features ~~and/or~~ and functions to said software definable radio using ~~one or more~~ at least one of said several network communication links.

11. (currently amended) The communication unit ~~(120)~~ according to Claim 9 ~~or Claim 10, the communication unit further characterised by~~ wherein said transport module ~~(145) supporting~~ supports at least one of version 4 and version 6 of TCP/IP ~~(v4 or v6)~~ suite of application protocols.

12. (currently amended) The communication unit ~~(120)~~ according to Claim 10, wherein said controller selects automatically ~~said one or more~~ at least one communication ~~links~~ link based on said configuration profile change.

13. (currently amended) The communication unit ~~(120)~~ according to Claim 10, wherein said controller is arranged to communicate communication link options to a user of said software definable radio to enable said user to select ~~one or more~~ at least one of said several network communication links.

14. (currently amended) The communication unit ~~(120)~~ according to Claim 9 ~~or Claim 10~~, wherein said controller is arranged to receive configuration profile information from a user of the software definable radio ~~(105)~~.

15. (currently amended) The communication unit ~~(120)~~ according to Claim 9 ~~or Claim 10~~, wherein said controller ~~(130)~~ includes a filtering mechanism to generate a user profile based on determined operational requirements or habits of said user of said software definable radio ~~(105)~~.

16. (currently amended) The communication unit ~~(120)~~ according to Claim 9 ~~or Claim 10, the communication unit (120) further characterised by~~, further comprising:

an application programmable interface ~~(125)~~, operably coupled to said controller ~~(130)~~ and capable of operable coupling to said software definable radio ~~(105)~~, to upload software to said software definable radio ~~(105)~~ from said communication unit ~~(120)~~.

17. (currently amended) The communication unit ~~(120)~~ according to Claim 9 ~~or Claim 10, the communication unit (120) further characterised by a first~~ wherein one of said databases ~~(150) being~~ is a mapping database to enable said communication unit ~~(120)~~, in response to determining ~~one or more~~ at least one configuration profile ~~change(s)~~ change, to map

said ~~one or more change(s)~~ at least one change to a second locally stored database to provide reconfiguration software to said software definable radio ~~(105)~~.

18. (currently amended) The communication unit ~~(120)~~ according to Claim 9 ~~or Claim 10, the communication unit (120) further characterised by~~ wherein said configuration profile change ~~including one or more~~ includes at least one of the following changes:

(i) A service required by said software definable radio ~~(105)~~,

(ii) A software definable radio user profile,

(iii) A location of said software definable radio ~~(105)~~,

(iv) Software Definable Radio terminal's capabilities, ~~and/or~~ and

(v) Available networks to the Software Definable Radio.

19. (currently amended) The ~~method (200, 300) of downloading software to a software definable radio according to Claim 1 or a~~ communication unit ~~(120)~~ according to Claim 9 ~~or Claim 10~~, wherein the software definable radio ~~(105)~~ configures an intermediate communication unit ~~(120)~~ with ~~one or more~~ at least one of the following items of information:

(i) ~~One or more~~ At least one SDR configuration ~~profiles~~ profile~~, for example a user, service, terminal and/or network profiles~~;

(ii) Location of said software definable radio;

(iii) Parameters or features of the transport module;

(iv) A request for ~~a~~ at least one of new air interface protocol stack, ~~or new or~~ and additional software applications;

(v) A request that the communication unit ~~(120)~~ re-configures at least one ~~or more~~ operational ~~parameters~~ parameter of the software definable radio ~~(105)~~;

(vi) An ability to be notified of an event occurring in the communication unit; and

(vii) A time schedule for desired downloads.

20. (currently amended) The ~~method (200, 300) of downloading software to a software definable radio according to Claim 1 or a~~ communication unit ~~(120)~~ according to Claim

9 ~~or Claim 10~~, wherein the software downloaded by said software definable radio includes at least one of radio access technology capabilities, enhanced features or new services.

21. (canceled)

22. (canceled)

23. (currently amended) A distributed software definable radio re-configuration management mechanism comprising:

a software definable radio ~~(105)~~; and

a communication network ~~(160)~~ having a number of databases ~~(165, 168)~~ storing software applicable to said software definable radio ~~(105)~~;

wherein said distributed software definable radio re-configuration management mechanism ~~is characterised by~~ comprises:

an intermediary device ~~(120)~~, operably coupled to said software definable radio and comprising memory ~~(135)~~ for storing software required by said software definable radio ~~(105), for example obtained from said network (160),~~ such that said software required by said software definable radio is distributed between said intermediary device and ~~said one or more remote information~~ at least one of the number of databases ~~(165, 168)~~ in said communication network (160).

24. (canceled)